

FIELD OFFICE TECHNICAL GUIDE Sec. II
WASTE DISPOSAL INTERPRETATIONS

Sanitary Facilities - Part 1.

Mitchell County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
27: Terril-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Seepage	1.00
27B: Terril-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Seepage Slope	1.00 0.33
83: Kenyon-----	95	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage	0.50
83B: Kenyon-----	90	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.33
83C: Kenyon-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	1.00 0.50
83C2: Kenyon-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
84: Clyde-----	90	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 1.00 0.01
96: Turlin-----	95	Very limited Flooding Filtering capacity Depth to saturated zone restricted permeability	1.00 1.00 1.00 0.25	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71
98: Huntsville-----	95	Very limited Flooding restricted permeability	1.00 0.25	Very limited Flooding Seepage	1.00 0.50
98B: Huntsville-----	95	Very limited Flooding restricted permeability	1.00 0.25	Very limited Flooding Seepage Slope	1.00 0.50 0.33
104B: Rockton-----	100	Very limited Depth to bedrock restricted permeability	1.00 0.25	Very limited Depth to hard bedrock Seepage Slope	1.00 1.00 0.33
110: Lamont-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
110B: Lamont-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.33
110C: Lamont-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	1.00
118: Garwin-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
119: Muscatine-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
120: Tama-----	90	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50
120B: Tama-----	90	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50
				Slope	0.33
120C2: Tama-----	95	Not limited restricted permeability	0.25	Very limited Slope	1.00
				Seepage	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
135: Coland-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00
151: Marshan-----	100	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
152: Marshan-----	95	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
162B: Downs-----	100	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage Slope	0.50 0.33
162C2: Downs-----	95	Somewhat limited restricted permeability	0.35	Very limited Slope Seepage	1.00 0.50
162D2: Downs-----	100	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
163B: Fayette-----	95	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage	0.50
				Slope	0.33
163C2: Fayette-----	90	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
171: Bassett-----	95	Somewhat limited Depth to saturated zone restricted permeability	0.43	Somewhat limited Seepage	0.50
			0.35		
171B: Bassett-----	90	Somewhat limited Depth to saturated zone restricted permeability	0.43	Somewhat limited Seepage	0.50
			0.35	Slope	0.33
171C: Bassett-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43	Very limited Slope	1.00
			0.35	Seepage	0.50
171C2: Bassett-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43	Very limited Slope	1.00
			0.35	Seepage	0.50
175: Dickinson-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
175B: Dickinson-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.33
177: Saude-----	100	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
177B: Saude-----	100	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.33
178: Waukee-----	90	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
178B: Waukee-----	90	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
				Slope	0.33
183B: Dubuque-----	100	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		restricted permeability	0.35	Seepage	1.00
				Slope	0.33
183C: Dubuque-----	100	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		restricted permeability	0.35	Seepage	1.00
				Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
184: Klinger-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
188: Kensett-----	95	Very limited Depth to bedrock Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to hard bedrock Seepage Depth to saturated zone	1.00 1.00 1.00 1.00
198B: Floyd-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Seepage Depth to saturated zone Slope	1.00 1.00 0.09
205B: Whalan-----	100	Very limited Depth to bedrock restricted permeability	1.00 0.35	Very limited Depth to hard bedrock Seepage Slope	1.00 1.00 0.33
205C: Whalan-----	100	Very limited Depth to bedrock restricted permeability	1.00 0.35	Very limited Depth to hard bedrock Seepage Slope	1.00 1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
214B: Rockton-----	100	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Filtering capacity restricted permeability	1.00 0.25	Seepage Slope	1.00 0.33
214C: Rockton-----	100	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Filtering capacity restricted permeability	1.00 0.25	Seepage Slope	1.00 1.00
221: Muck-----	95	Very limited Depth to saturated zone Subsidence	1.00 1.00	Very limited Depth to saturated zone Content of organic matter	1.00 1.00
		Restricted permeability	0.37	Seepage	0.32
225: Lawler-----	95	Very limited Filtering capacity Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
226: Lawler-----	95	Very limited Filtering capacity Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
235: Coland-----	50	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00
Turlin-----	30	Very limited Flooding Filtering capacity Depth to saturated zone restricted permeability	1.00 1.00 1.00 0.25	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71
265: Bixby-----	100	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage	1.00
265B: Bixby-----	100	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 0.33
284: Flagler-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
284B: Flagler-----	90	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
285: Burkhardt-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.01
285C: Burkhardt-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.91
291: Atterberry-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage	1.00 0.50
302B: Coggon-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.35	Somewhat limited Seepage	0.50
				Slope	0.33
303B: Pinicon-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage	1.00 0.50
				Slope	0.09
354: Marsh-----	95	Not rated		Not rated	
377: Dinsdale-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
377B: Dinsdale-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.33
382: Maxfield-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
391B: Clyde-----	50	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 1.00 0.01
Floyd-----	30	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Seepage Depth to saturated zone Slope	1.00 1.00 0.09
394: Ostrander-----	95	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50
394B: Ostrander-----	95	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
398: Tripoli-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
399: Readlyn-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
399B: Readlyn-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33
407B: Schley-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.09
412B: Sogn-----	100	Very limited Depth to bedrock Filtering capacity	1.00 1.00	Very limited Depth to hard bedrock Seepage Slope	1.00 1.00 0.33
412D: Sogn-----	100	Very limited Depth to bedrock Filtering capacity Slope	1.00 1.00 0.16	Very limited Depth to hard bedrock Seepage Slope	1.00 1.00 1.00
412G: Sogn-----	100	Very limited Depth to bedrock Slope Filtering capacity	1.00 1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
471: Oran-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage	1.00 0.50
471B: Oran-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33
482: Racine-----	100	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage	0.50
482B: Racine-----	95	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage Slope	0.50 0.33
482C: Racine-----	95	Somewhat limited restricted permeability	0.35	Very limited Slope Seepage	1.00 0.50
491B: Renova-----	95	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage Slope	0.50 0.33
507: Canisteo-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
536: Hanlon-----	95	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71
575: Dickinson-----	50	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Ostrander-----	30	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50
575B: Dickinson-----	50	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.33
Ostrander-----	30	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
610B: Lamont-----	50	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.33
Renova-----	30	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage Slope	0.50 0.33
714: Winneshiek-----	100	Very limited Restricted permeability Depth to bedrock Filtering capacity	1.00 1.00 1.00	Very limited Depth to hard bedrock Seepage	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
714B: Winneshiek-----	100	Very limited		Very limited	
		Restricted	1.00	Depth to hard	1.00
		permeability		bedrock	
		Depth to bedrock	1.00	Seepage	1.00
		Filtering	1.00	Slope	0.33
		capacity			
714C: Winneshiek-----	100	Very limited		Very limited	
		Restricted	1.00	Depth to hard	1.00
		permeability		bedrock	
		Depth to bedrock	1.00	Seepage	1.00
		Filtering	1.00	Slope	1.00
		capacity			
714D: Winneshiek-----	100	Very limited		Very limited	
		Restricted	1.00	Depth to hard	1.00
		permeability		bedrock	
		Depth to bedrock	1.00	Slope	1.00
		Filtering	1.00	Seepage	1.00
		capacity			
		Slope	0.63		
725: Hayfield-----	95	Very limited		Very limited	
		Depth to	1.00	Seepage	1.00
		saturated zone			
		Filtering	1.00	Depth to	0.92
		capacity		saturated zone	
		restricted	0.35		
		permeability			
726: Hayfield-----	95	Very limited		Very limited	
		Depth to	1.00	Seepage	1.00
		saturated zone			
		Filtering	1.00	Depth to	0.92
		capacity		saturated zone	
		restricted	0.35		
		permeability			

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		Rating class and limiting features	Value	Rating class and limiting features	Value
733: Calco-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00
760: Ansgar-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage	1.00 0.50
761: Franklin-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.01
771: Waubeek-----	95	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.35	Somewhat limited Seepage	0.50
771B: Waubeek-----	95	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.35	Somewhat limited Seepage Slope	0.50 0.33
776: Lilah-----	90	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value
776C: Lilah-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.91
777: Wapsie-----	100	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage	1.00
777B: Wapsie-----	100	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage	1.00
				Slope	0.33
777C: Wapsie-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage	1.00
				Slope	1.00
778: Sattre-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
781B: Lourdes-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone Seepage	0.71 0.50
				Slope	0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
781C: Lourdes-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Slope Depth to saturated zone Seepage	1.00 0.71 0.50
781C2: Lourdes-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Slope Depth to saturated zone Seepage	1.00 0.71 0.50
782: Donnan-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50
782B: Donnan-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33
783B: Cresco-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Somewhat limited Depth to saturated zone Seepage Slope	0.71 0.50 0.33
783C: Cresco-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Slope Depth to saturated zone Seepage	1.00 0.71 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
784B: Riceville-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.09
797: Jameston-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Seepage	1.00 0.50
798B: Protivin-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone Slope	1.00 0.09
804: Ashdale-----	100	Very limited Filtering capacity Restricted permeability Depth to bedrock	1.00 0.99 0.78	Very limited Seepage Depth to hard bedrock	1.00 0.42
804B: Ashdale-----	100	Very limited Filtering capacity Restricted permeability Depth to bedrock	1.00 0.99 0.78	Very limited Seepage Depth to hard bedrock Slope	1.00 0.42 0.33
805B: Roseville-----	100	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock Seepage Slope	1.00 1.00 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
813: Atkinson-----	100	Somewhat limited Depth to bedrock restricted permeability	0.87 0.25	Very limited Seepage Depth to hard bedrock	1.00 0.64
813B: Atkinson-----	100	Somewhat limited Depth to bedrock restricted permeability	0.87 0.25	Very limited Seepage Depth to hard bedrock Slope	1.00 0.64 0.33
904: Nasset-----	95	Very limited Restricted permeability Filtering capacity Depth to bedrock	1.00 1.00 0.78	Very limited Seepage Depth to hard bedrock	1.00 0.42
904B: Nasset-----	95	Very limited Restricted permeability Filtering capacity Depth to bedrock	1.00 1.00 0.78	Very limited Seepage Depth to hard bedrock Slope	1.00 0.42 0.33
913: Waucoma-----	100	Very limited Restricted permeability Filtering capacity Depth to bedrock	1.00 1.00 0.78	Very limited Seepage Depth to hard bedrock	1.00 0.42
913B: Waucoma-----	100	Very limited Restricted permeability Filtering capacity Depth to bedrock	1.00 1.00 0.78	Very limited Seepage Depth to hard bedrock Slope	1.00 0.42 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
C235: Coland-----	50	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00
Turlin-----	30	Very limited Flooding Filtering capacity Depth to saturated zone restricted permeability	1.00 1.00 1.00 0.25	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71
C315: Alluvial Land-----	90	Not rated		Not rated	
W: Water-----	100	Not rated		Not rated	